

HAUL-MASTER



Tri-Fold Aluminum Ramp Model 90018

ASSEMBLY AND OPERATING INSTRUCTIONS



3491 Mission Oaks Blvd., Camarillo, CA 93011

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For technical questions and replacement parts, please call 1-800-444-3353
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Specifications

Open Dimensions	45" W x 69" L x 2-5/6" H
Folded Dimensions	14-7/8" W x 69" L x 5-1/2" H
Tongue Dimensions	3-7/8" W x 12-1/8" L (20 degree angle)
Rung Width	10-5/8"W

Save This Manual

You will need the manual for the safety warnings and precautions, assembly instructions, operating and maintenance procedures, parts list and diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep the manual and invoice in a safe and dry place for future reference.

Safety Warnings and Precautions

WARNING: When using this product, basic safety precautions should always be followed to reduce the risk of personal injury and damage to equipment.

Read all instructions before using this product!

1. **Avoid working alone.** If an accident happens, an assistant can bring help.
2. **Keep work area clean.** Cluttered areas invite injuries.
3. **Observe work area conditions.** Keep work area well lighted.
4. **Keep children away.** Children and pets must never be allowed in the area when you are loading or unloading a vehicle with the Ramp. Do not let them climb or walk on Ramp.
5. **Store idle equipment.** When not in use, the Ramp must be stored in a dry location to inhibit rust. Always lock up Ramp and keep out of reach of children.
6. **Dress properly.** Do not wear loose clothing or jewelry as they can be caught in moving parts. Protective, electrically nonconductive clothes and nonskid footwear are recommended when working. Wear restrictive hair covering to contain long hair. Protect your hands with heavy duty work gloves.
7. **Use eye protection.** Always wear ANSI approved impact safety goggles.
8. **Do not overreach.** Keep proper footing and balance at all times. Do not reach over or across electrical cables or frames.
9. **Always wear gloves when handling the ramps.**
10. **Maintain Ramp with care.** Inspect Ramp periodically, and if damaged, have it repaired by an authorized technician.

11. **Use the right Ramp for the job.** Do not attempt to force a small Ramp to do the work of a larger industrial Ramp. There are certain applications for which this Ramp was designed. Do not modify this Ramp and do not use this product for a purpose for which it was not intended.
12. **Stay alert.** Watch what you are doing, use common sense. Do not set up and use the Ramp when you are tired.
13. **Check for damaged parts.** Before using any tool, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment and binding of moving parts; any broken parts or mounting fixtures; and any other condition that may affect proper operation. **Note:** Dents or other imperfections in the aluminum Ramp may lead to a weakening of the structural strength of this product; do not use the ramp if this type of damage is noted.
14. **Replacement parts and accessories.** When servicing, use only identical replacement parts. Use of any other parts will void the warranty.
15. **Do not use this product if under the influence of alcohol or drugs.** Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not use the Ramp.
16. **Maintenance.** For your safety, maintenance should be performed regularly by a qualified technician.
17. **Ground contact.** Use your Ramps on a solid, level, flat, dry surface. Make sure the Tongue edge fully contacts the tailgate of the vehicle.
18. **Clean Ramps.** Prior to each use, clean dirt, oil, or any debris off ramps.

Warning: 1,500 Lbs. Maximum Capacity with evenly distributed load, or 500 Lbs. Maximum Capacity for each section. Never exceed the 1500 Lb. Maximum. Load vehicle slowly.

WARNING: DO NOT WALK ON RAMP! NEVER SIT ON A VEHICLE WHILE VEHICLE IS BEING MOVED UP OR DOWN THE RAMP!

DO NOT EXCEED THE MANUFACTURER'S RECOMMENDED PRODUCT WEIGHT CAPACITY. Doing so can result in personal injury and/or damage to the product. **Caution: Be aware of dynamic loading!** If you drop a load on the ramp, it may create for a brief instant, an excess load, which may result in damage to the ramp and/or personal injury.

Warning: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Unpacking

When unpacking, check to make sure the parts listed on page 5 are included. If any parts are missing or broken, please call Harbor Freight Tools at the number on the cover of this manual.

Operation

Warning! All persons not involved in the loading process must stand clear of the loading Ramp.

Warning! Never exceed the 1500 Lb. Maximum. Load vehicle slowly.

Warning! Make sure the vehicle which you are loading into is turned off and in gear or park, with the emergency brake engaged.

Warning! Make sure the Ramp is completely open and the securing chains and hooks are correctly in place (see #4 below). Make sure the Ramp is clean and dry before loading.

1. When folded, the Ramp will be wrapped in the **Safety Chains and Hooks (#2)**. Release the hooks and unfold the Ramp.
2. Make sure the Ramp is completely open.
3. Make sure the tailgate the ramp will sit on, is dry and clean.
4. Sit the tongue (angled lip) of the Ramp on the tailgate. Stretch the Safety Chain on each side of the Ramp up into the inside of the truck bed; attach the hook on each Safety Chain to a secure location on the inside of the truck bed. The Safety Chains should be taut so that the Ramp's tongue cannot slip off of the tailgate.
5. Very slowly, drive or push the vehicle that you wish to load so that the front tires are on the Ramp without moving the tongue resting on the tailgate.
Caution: When walking up or down the ramp, be extremely careful of your footing. Only walk on the two innermost vertical beams. Never attempt to walk on the outside edge of the ramp. Be extremely careful not to get your feet caught between the horizontal cross braces. Always maintain good balance when walking up or down the ramp.
6. Make sure no persons or pets are near or under the Ramp or truck. Have an assistant monitor the Ramp tongue for slippage on the tailgate as you slowly move the vehicle into the truck bed.
7. Remove the ramp, fold it up and secure it with the **Safety Chains and Hooks (#2)**.

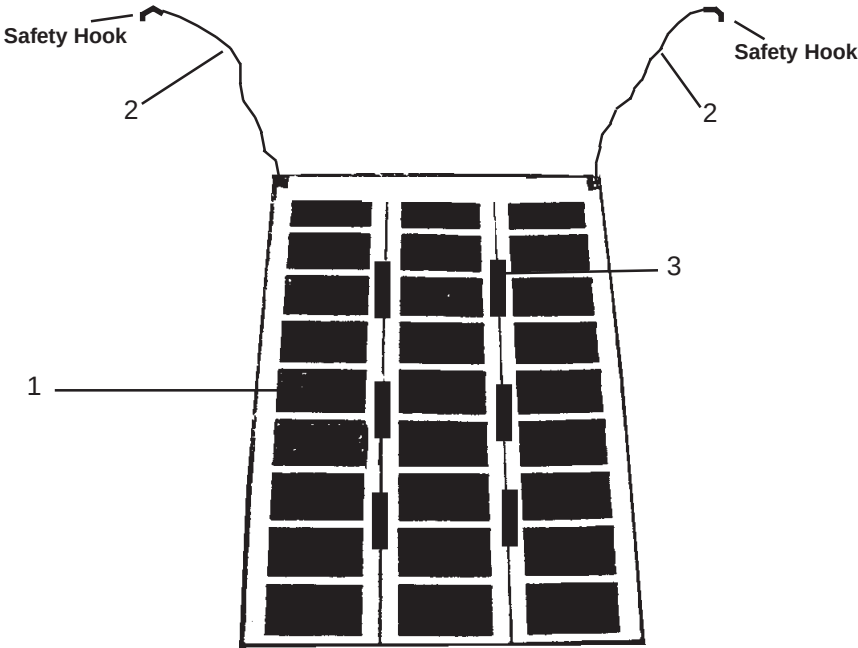
Warning! Contact between the tongue (angled lip) of the ramp and the tailgate of the vehicle, may result in damage to the vehicle's body finish.

Maintenance

1. Clean the ramp after each use. Make sure any dirt, oil, grease, or debris are not on the Ramp.
2. Check the Ramp and **Safety Chains and Hooks (#2)** for cracks, signs of

Assembly Drawing and Parts List

Part No.	Description	Qty.
1	Tri-fold Ramp	1
2	Safety Chains and Hooks	2
3	Hinges	6



PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER NOR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

NOTE: Some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.